

### ABSTRACT OF THE DISCLOSURE

A method and a system for calculating dynamic burst length are provided. A valid data calculating module determines if the number of valid data in the buffering memory unit exceeds a preset threshold for a main memory unit bus; if yes, a main memory unit bus requesting module determines whether the data length exceeds a preset length value in a main memory unit; if no, a main memory unit bus requesting module sends a usage request to the main memory unit. A data length calculating module determines if a sending data byte is the end of the data; if yes, length of the data byte is calculated. A burst length determining module compares the valid data byte length, the data length and a preset burst length, and selects the least one as the burst length value.

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